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<b>(21) International Application Number:</b> PCT/GB99/01085 <b>(22) International Filing Date:</b> 8 April 1999 (08.04.99)  <b>(30) Priority Data:</b> 9807520.3                      9 April 1998 (09.04.98)                      GB  <b>(71) Applicant (for all designated States except US):</b> UNIVERSITY OF WALES COLLEGE OF MEDICINE [GB/GB]; Heath Park, Cardiff CF4 4XN (GB).  <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> MORGAN, Bryan, Paul [GB/GB]; University of Wales College of Medicine, Heath Park, Cardiff CF4 4XN (GB). RUSHMERE, Neil, Kevin [GB/GB]; University of Wales College of Medicine, Heath Park, Cardiff CF4 4XN (GB). HINCHLIFFE, Stewart, James [GB/GB]; University of Wales College of Medicine, Heath Park, Cardiff CF4 4XN (GB). VAN DEN BERG, Carmen, Wilma [NL/GB]; University of Wales College of Medicine, Heath Park, Cardiff CF4 4XN (GB).  <b>(74) Agents:</b> NEWELL, William, Joseph et al.; Wynne-Jones, Laine and James, Morgan Arcade Chambers, 33 St. Mary Street, Cardiff CF1 2AB (GB).		<b>(81) Designated States:</b> AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE).  <b>Published</b> <i>Without international search report and to be republished upon receipt of that report.</i>
<b>(54) Title:</b> MODIFIED BIOLOGICAL MATERIAL  <b>(57) Abstract</b>  A graftable animal cell or tissue of a donor species for use in medicine expresses, or is capable of being caused to express, increased amounts of endogenous complement regulatory molecules for preventing activation of complement in a recipient species. Such tissue or organs are useful for xenotransplantation. Porcine complement regulatory proteins CD59, DAF have been sequenced. Also disclosed are methods of inducing in an animal cell or tissue resistance protection against complement attack.		